

Amendments To The English translation document:

In the English translation document, please delete the term --Description-- at page 1 line 1, before the title.

In the English translation document, please add the paragraph at page 1 between lines 2 and 3, after the title as follows:

--CROSS REFERENCE TO RELATED APPLICATIONS--

This application claims priority to the German application No. 10320715.5 filed May 8, 2003, German application No. 10328622.5 filed June 25, 2003, German application No. 10344067.4 filed September 23, 2003, and to the International Application No. PCT/EP2004/050546, filed April 16, 2004 which are incorporated by reference herein in their entirety.--

In the English translation document, please add the section heading at page 1 between lines 2 and 3, after the newly added CROSS REFERENCE TO RELATED APPLICATIONS section, as follows:

--FIELD OF INVENTION- -

In the English translation document, please amend the paragraph at page 1 lines 3-5, as follows:

The invention relates to a method for pre-emphasizing an optical multiplex signal ~~in accordance with the preamble of patent claim 1.~~

In the English translation document, please add the section heading at page 1 between lines 5 and 6, as follows:

--BACKGROUND OF INVENTION- -

In the English translation document, please add the section heading at page 2 between lines 6 and 7 as follows:

--SUMMARY OF INVENTION- -

In the English translation document, please amend the paragraph at page 2 lines 25-29, as follows:

The An object of the invention is to specify a method which makes possible a rapid pre-emphasis of an optical multiplex signal. The method should also be suitable for a WDM transmission along an optical transmission link to be defined with channel spacings that can be as narrow as required.

In the English translation document, please amend the paragraph at page 2 line 30 to page 3 line 1, as follows:

The object is achieved by the claims ~~as regards its method aspect by a method with the features of claim 1.~~

In the English translation document, please amend the paragraph at page 5 lines 21-22, as follows:

Advantageous developments of the invention are specified in the dependent claims ~~subclaims.~~

In the English translation document, please add the section heading at page 5 between lines 22 and 23, as follows:

--BRIEF DESCRIPTION OF THE DRAWINGS--

In the English translation document, please amend the paragraph at page 6 lines 4-5, as follows:

Fig. 3: an optical transmission link for executing the pre-emphasis in accordance with the invention,

Fig. 4: smallest signal-to-noise ratio occurring as a function of a parameter k in 5 spans,

Fig. 5: smallest signal-to-noise ratio occurring as a function of the parameter k in 10 spans,

Fig. 6: optimum values of the parameter k for different span attenuations as a function of the number of spans.

Fig. 7: a part link of an optical network.

Fig. 8: a point-to-point transmission link with a number of optical amplifiers.

Fig. 9: signal-to-noise ratios after a pre-emphasis as a function of a tilting of an amplifier input.

Fig. 10 a, b, c, d: signal-to-noise ratios as a function of the exponent k for different amplification gains.

In the English translation document, please add the section heading at page 6 between lines 5 and 6, as follows:

-- DETAILED DESCRIPTION OF INVENTION --